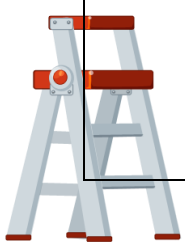
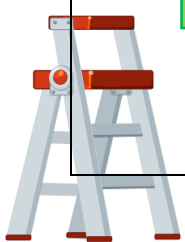


Percentage	I can ...	Prove it!
	<ul style="list-style-type: none"> I can solve problems with mixed numbers. 	a) How many $\frac{9}{4}$ are there in 6? b) Give three equivalent fractions, decimals and percentages to the calculation below: $\frac{4}{11} \div 1\frac{5}{7}$ is equivalent to
	<ul style="list-style-type: none"> I can divide mixed numbers 	Divide the mixed numbers below: a) $11 \div 3\frac{2}{3} =$ b) $3\frac{1}{5} \div \frac{2}{7} =$ c) $3\frac{2}{3} \div 1\frac{2}{5} =$
	<ul style="list-style-type: none"> I can multiply mixed numbers 	Multiply the mixed numbers below: a) $6 \times 1\frac{1}{7} =$ b) $4 \times 2\frac{1}{3} =$ c) $2\frac{1}{3} \times 1\frac{1}{2} =$
	<p>14.5 I can divide two fractions</p>	Divide the fractions below and simplify your answers: a) $\frac{7}{10} \div \frac{2}{3}$ b) $\frac{5}{12} \div \frac{1}{7}$ c) How many quarters are there in $\frac{5}{8}$?
	<p>14.4 I can multiply two fractions</p>	Multiply the fractions below and simplify your answers: d) $\frac{4}{5} \times \frac{5}{6}$ 2. a) $\frac{4}{3} \times \frac{7}{6}$ e) $\frac{4}{5} \times \frac{6}{10}$ b) $\frac{4}{7} \times \frac{11}{10}$ f) $\frac{7}{9} \times \frac{1}{12}$ c) $\frac{7}{5} \times \frac{1}{19}$
	<p>14.3 I can use and apply fractions of an amount. 14.4 I can multiply a fraction by an integer</p>	a) A cargo ship leaves London for Brazil with 240 tonnes of Lego. The ship docks in Spain and drops of $\frac{1}{6}$ of its cargo. The ship arrives in Panama and increases its load by $\frac{2}{5}$. When it arrives in Brazil how much Lego is the ship carrying? b) Complete the calculations below: 1) $\frac{3}{4} \times 4$ 2) $\frac{2}{9} \times 6$ 3) $3 \times \frac{3}{9}$ 4) $\frac{1}{11}$ of 99 5) $\frac{3}{5}$ of 40



Percentage	I can ...	Prove it!																		
	<p>14.1 I can express a fraction as a quantity of another.</p> <p>14.2 I can find fraction of an amount.</p>	<p>a) 10 students out of a class of 30 have brown hair. What fraction is this? Can you simplify the fraction?</p> <p>b) From the diagram below, what fraction of the spots are black?</p> <p>c) Draw two different diagrams where $\frac{3}{4}$ of the spots are black.</p> <p>d) A test is made up of 50 marks. James got 43 marks. He says has over $\frac{4}{5}$ of the test correct. Is he right?</p>																		
	<p>13.8 I can compare and order fractions, decimals and percentages.</p>	<p>Use inequality symbols to compare each of the values below:</p> <p>30% _____ 0.33</p> <p>$\frac{1}{4}$ _____ $\frac{1}{3}$</p> <p>0.7 _____ $\frac{3}{4}$</p> <p>$\frac{3}{8}$ _____ 40%</p> <p>Now, put all of the values above in ascending order.</p>																		
	<p>13.7 I can convert fractions to decimals.</p>	<p>Fill in the table below using the equivalent fraction, decimal of percentage:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Fraction</th> <th>Decimal</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>20%</td> </tr> <tr> <td></td> <td>0.5</td> <td></td> </tr> <tr> <td>$\frac{1}{8}$</td> <td></td> <td></td> </tr> <tr> <td></td> <td>0.12</td> <td></td> </tr> <tr> <td></td> <td></td> <td>100%</td> </tr> </tbody> </table>	Fraction	Decimal	Percentage			20%		0.5		$\frac{1}{8}$				0.12				100%
Fraction	Decimal	Percentage																		
		20%																		
	0.5																			
$\frac{1}{8}$																				
	0.12																			
		100%																		
	<p>13.6 I can convert fractions to percentages</p>	<p>Use equivalent fractions to make each fraction's denominator 100.</p> <p>$\frac{3}{20} = \frac{\quad}{100}$ $\frac{7}{25} = \frac{\quad}{100}$ $\frac{3}{5} = \frac{\quad}{100}$</p> <p>What would each of the fractions above be as percentages? Can you write them in ascending order?</p>																		
	<p>13.5 I can order fractions using equivalence</p>	<p>For each question, put the fractions in order:</p> <p>a) $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{7}{8}$ (Clue: make them all into eighths)</p> <p>b) $\frac{1}{6}$ $\frac{3}{9}$ $\frac{1}{3}$ $\frac{4}{18}$ $\frac{10}{18}$</p> <p>c) $\frac{1}{5}$ $\frac{3}{10}$ $\frac{11}{20}$ $\frac{3}{5}$ $\frac{7}{10}$</p> <p>d) $\frac{7}{2}$ $\frac{5}{6}$ $\frac{8}{4}$ $\frac{9}{5}$</p>																		
	<p>13.4 I can simplify fractions</p>	<p>Simplify the fractions below:</p> <p>$\frac{4}{8} = \frac{\quad}{\quad}$ $\frac{21}{63} = \frac{\quad}{\quad}$ $\frac{26}{169} = \frac{\quad}{\quad}$</p> <p>Write the fractions represented in the diagrams below in their simplest form:</p>																		



Percentage	I can ...	Prove it!
	<p>13.2 I can express an improper fraction as a mixed number. 13.3 I can express a mixed number as an improper fraction.</p>	<p>What mixed number is represented by the diagram below:</p> <p>How could this be written as an improper fraction?</p>
	<p>13.1 I can find a fraction of a shape</p>	<p>State the fraction shaded in the shapes below:</p>
	<p>13.1 I can find a fraction of a shape</p>	<p>Shade $\frac{1}{2}$ of this shape:</p> <p>Shade $\frac{2}{3}$ of this shape:</p>

Key Words:

- Fraction
- Integer
- Denominator
- Numerator
- Percentage
- Decimal
- Improper Fraction
- Mixed Number
- Equivalent
- Simplify
- Integer
- Divide
- "of" = multiply

